

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Jarmo Ilmari Maula, Hannu Leskinen, Teemu Lang, Pekka Kuosmanen, Kari Härkönen, and Bradley J. Aitchison**

Application No. 10/609,134

Filed: June 26, 2003

For: **HIGH-SPEED DIAPHRAGM VALVE FOR ATOMIC LAYER DEPOSITION**

Attorney Docket No. 11429/13:1

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)**

TO THE COMMISSIONER FOR PATENTS:

Planar Systems, Inc., assignee of the entire interest of the above-identified patent application, hereby revokes all powers of attorney previously given in the above-identified application and appoints the practitioners of Stoel Rives LLP, USPTO Customer No. **3528**, as its attorneys and agents, with full power of substitution and revocation, to prosecute and transact all business connected therewith in the U.S. Patent and Trademark Office, and to do all things necessary before any competent International Authorities in connection with any corresponding international patent application(s).

Please change the correspondence address for the above-identified application to the address associated with USPTO Customer No. **3528**:

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268

Direct all telephone calls to Kassim M. Ferris at (503) 224-3380.

Statement Under 37 CFR§3.73(b): Planar Systems, Inc. states that it is assignee of the entire right, title, and interest in the application identified above by virtue of document(s) establishing a chain of title from the inventor(s) to the assignee, which:

- ☐ is/are filed for recordation herewith;  
☐ was/were recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or  
☒ has/have been sent for recordation under separate cover, copy attached herewith.

The undersigned is empowered to sign this document on behalf of the assignee.

**Planar Systems, Inc.**

By Christopher N. King  
Christopher N. King,  
Executive Vice President & CTO

Date: October 30, 2003



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Jarma Ilmari Maula, Hannu Leskinen, Teemu  
Lang, Pekka Kuosmanen, Kari Härkönen, and  
Bradley J. Aitchison**

Confirmation No. 6738

Application No. 10/609,134

Filed: June 26, 2003

For: **HIGH-SPEED DIAPHRAGM VALVE  
FOR ATOMIC LAYER DEPOSITION**

Group Art Unit:

Examiner:

Date: November 14, 2003

RECORDATION COVER LETTER

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

1. Name of conveying party(ies):  
Jarmo Ilmari Maula  
Hannu Leskinen  
Teemu Lang  
Pekka Kuosmanen  
Kari Härkönen  
Bradley J. Aitchison  
Execution Date:  
October 28, 2003  
October 30, 2003  
October 30, 2003  
October 30, 2003  
October 30, 2003  
October 28, 2003
2. Name and address of receiving party(ies):  
Planar Systems, Inc.  
1195 NW Compton Drive  
Beaverton, Oregon 97006
3. Nature of conveyance:  
☒ Assignment  
☐ Security Agreement  
☐ Merger  
☐ Change of Name  
☐ Other: \_\_\_\_\_
4. ☒ Application No.: 10/609,134  
☐ This assignment is being filed concurrently with a new application.  
The execution date of the application is \_\_\_\_\_.


5. Please direct all correspondence concerning this document to Kassim M. Ferris, at the following address:

Stoel Rives LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268

6. Total number patents or applications involved: one.
7. Total fee: \$40.00.
- ☒ A check for \$40.00 in payment of the assignment recording fee is enclosed.
- ☐ The \$40.00 fee for recording this assignment is included in the \$\_\_\_\_\_ check submitted in payment of the total fee.
8. ☐ Please charge our Deposit Account No. 19-4455 in the amount of \$\_\_\_\_\_.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.
9. The information contained on this transmittal letter is true and correct to the best of the knowledge and belief of the person signing below, and any attached copy is a true copy of an original document.

Respectfully submitted,

Planar Systems, Inc.

By   
Kassim M. Ferris  
Registration No. 39,974

Number of pages comprising the conveyance, cover letter, and any attachments: 6

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No.: 11429/13:1


## ASSIGNMENT

WHEREAS, we, Jarmo Ilmari Maula of Espoo, Finland, Hannu Leskinen of Espoo, Finland, Teemu Lang of Helsinki, Finland, Pekka Kuosmanen of Espoo, Finland, Kari Härkönen of Kauniainen, Finland, and Bradley J. Aitchison of Eugene, Oregon, have made inventions described in a United States patent application entitled HIGH-SPEED DIAPHRAGM VALVE FOR ATOMIC LAYER DEPOSITION, filed with the United States Patent and Trademark Office on June 26, 2003, and allotted Application No. 10/609,134; and

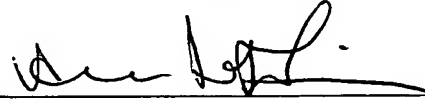
WHEREAS, Planar Systems, Inc., an Oregon corporation, having a place of business at 1195 NW Compton Drive, Beaverton, Oregon 97006, USA, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Jarmo Ilmari Maula, Hannu Leskinen, Teemu Lang, Pekka Kuosmanen, Kari Härkönen, and Bradley J. Aitchison, hereby sell, assign, and transfer to Planar Systems, Inc. the full and exclusive right, title, and interest in and to said inventions, said patent application, and any and all patent rights and letters patent for said inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in our names or in the name of Planar Systems, Inc., and further including all divisions and continuations of said application and of any foreign patent applications and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by Planar Systems, Inc., for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenant that we have full right so to do, and agree that we will communicate to Planar Systems, Inc., and its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid Planar Systems, Inc., and its successors and assigns, to obtain and enforce proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

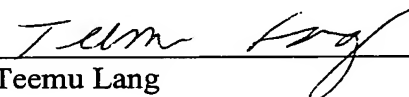
Executed at ESPOO, Finland, this 28<sup>th</sup> day of OCTOBER, 2003.

  
Jarmo Ilmari Maula

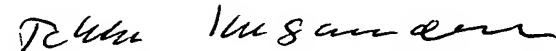
Executed at Espoo, Finland, this 30 day of Oct, 2003.

  
Hannu Leskinen


Executed at Espoo, Finland, this 30<sup>th</sup> day of October, 2003.

  
Teemu Lang

Executed at ESPOO, Finland, this 30<sup>th</sup> day of OCTOBER, 2003.

  
Pekka Kuosmanen

Executed at ESPOO, Finland, this 30 day of OCTOBER, 2003.

  
Kari Härkönen

Executed at \_\_\_\_\_, Oregon, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Bradley J. Aitchison

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, OR 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No.: 11429/13:1

## ASSIGNMENT

WHEREAS, we, Jarmo Ilmari Maula of Espoo, Finland, Hannu Leskinen of Espoo, Finland, Teemu Lang of Helsinki, Finland, Pekka Kuosmanen of Espoo, Finland, Kari Härkönen of Kauniainen, Finland, and Bradley J. Aitchison of Eugene, Oregon, have made inventions described in a United States patent application entitled HIGH-SPEED DIAPHRAGM VALVE FOR ATOMIC LAYER DEPOSITION, filed with the United States Patent and Trademark Office on June 26, 2003, and allotted Application No. 10/609,134; and

WHEREAS, Planar Systems, Inc., an Oregon corporation, having a place of business at 1195 NW Compton Drive, Beaverton, Oregon 97006, USA, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Jarmo Ilmari Maula, Hannu Leskinen, Teemu Lang, Pekka Kuosmanen, Kari Härkönen, and Bradley J. Aitchison, hereby sell, assign, and transfer to Planar Systems, Inc. the full and exclusive right, title, and interest in and to said inventions, said patent application, and any and all patent rights and letters patent for said inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in our names or in the name of Planar Systems, Inc., and further including all divisions and continuations of said application and of any foreign patent applications and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by Planar Systems, Inc., for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenant that we have full right so to do, and agree that we will communicate to Planar Systems, Inc., and its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid Planar Systems, Inc., and its successors and assigns, to obtain and enforce proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Jarmo Ilmari Maula

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Hannu Leskinen

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Teemu Lang

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Pekka Kuosmanen

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Kari Härkönen

Executed at Eugene, Oregon, this 28<sup>th</sup> day of October, 2003.

Bradley J. Mitchison  
Bradley J. Mitchison

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, OR 97204-1268  
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